

Form PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DKT. NO. 506.39083VX1	SERIAL NO. Not yet assigned
	APPLICANT Kino et al	
	FILING DATE Herewith	GROUP 1657 Not yet assigned

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
100	AA 4,463,094	07-84	Chibata et al	435	115	
	AB 5,264,353	11-93	Yamada et al	435	115	
	AC 5,017,483	05-91	Furukawa et al	435	115	
	AD 5,275,940	01-94	Kino et al	435	108	
	AE 4,442,208	04-84	Tsuchida et al	435	116	
	AF 4,601,983	07-86	Nakamori et al	435	115	
	AG 4,775,623	10-88	Katsumata et al	435	114	
	AH 4,874,698	10-89	Ozaki et al	435	108	
	AI 4,908,312	03-90	Ozaki et al	435	108	
	AJ 4,927,758	05-90	Mizukami et al	435	107	
	AK 4,388,405	06-83	Sano et al	435	107	
100	AL 4,504,581	03-85	Kurahashi et al	435	107	

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
100	AM 81010037 (English abstract only)	1981	Japan			X	
	AN 50031093 (English abstract only)	1975	Japan			X	
	AO 77048195 (English abstract only)	1978	Japan			X	
	AP 4330275 (English abstract only)	1992	Japan			X	
100	AQ 60210994 (English abstract only)	1985	Japan			X	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

100	AU	Rudd KE, et al, "his operons of <i>Escherichia coli</i> and <i>Salmonella typhimurium</i> are regulated by DNA supercoiling", Proc. Natl. Acad. Sci. USA, vol. 84, pp 517-521(1987).				
	AV	Lewis, JA et al, "Histidine Regulation in <i>Salmonella typhimurium</i> " J. Mol. Biol, vol. 66, pp 131-142 (1972)				
	AW	Davidson, et al, "Regulation of Isoleucine and Valine Biosynthesis in <i>Salmonella typhimurium</i> : The effect of <i>hisU</i> on Repression Control". J. Mol. Biol., Vol. 127, pp 229 - 235 (1979)				
100	AX	Davis, L et al, "Altered Regulation of Isoleucine-Valine Biosynthesis in a <i>hisW</i> Mutant of <i>Salmonella typhimurium</i> ", Journal of Bacteriology, vol. 151, pp 860-866(1982)				
Examiner <i>Hubert J. Selting</i>				Date Considered 10/01/03		

<b>Form PTO-1449</b> <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b>  (Use several sheets if necessary)	<b>ATTY. DKT. NO.</b> 506.39083X00	<b>SERIAL NO.</b> Not yet assigned.
	<b>APPLICANT</b> Kino et al	
	<b>FILING DATE</b> Herewith	<b>GROUP</b> 1657

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
WJ	AM 61195695 (English abstract only)	1986	Japan			X	
	AN 61271981 (English abstract only)	1986	Japan			X	
	AO 2000458 (English abstract only)	1987	Japan			X	
	AP 2042988 (English abstract only)	1990	Japan			X	
WJ	AQ 93026467 (English abstract only)	1993	Japan			X	
	AR						
	AS						
	AT						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AU	
AV	
<b>Examiner</b> Herbert J. Selleny	<b>Date Considered</b> 10/07/03

\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Group	1651
-------	------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.